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**AEPCO Status Report  
For Renewable Energy Database**

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**Docket #   E-00000A-11-0113  
Bearing Decision # 58643**

**Year-End  
2010**

Arizona Corporation Commission  
**DOCKETED**  
APR - 4 2011



AZ CORP COMMISSION  
DOCKET CONTROL

2011 APR -4 P 3:33

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Inventory of Existing Renewable Resources 2010				
	DVEC	GCEC	TRICO	TOTAL
<b>Renewable Installations</b>				
PV	6	103	266	375
Wind	0	6	0	6
Water heaters	0	1	79	80
PV Systems Owned by Cooperative				1
<b>Total Installations</b>				<b>462</b>
PV Rated Output (kW)	23.75	500.08	1,769.72	2,293.55
Wind Rated Output (kW)	0	34	0	34
Solar Water Heaters Rated Output (kW)	0	1	139	140
Cooperative Owned System Rated Output (kW)	0.30	1.60	5.98	7.88
<b>Total Rated Installed Output (kW)</b>	<b>24.05</b>	<b>536.68</b>	<b>1,914.70</b>	<b>2,475.43</b>
PV Rated Output x 2,190 hours per year = Annual kWh	52,013	1,095,175	3,875,687	5,022,875
Wind Rated Output x 2,190 hours per year = Annual kWh	0	74,460	0	74,460
Solar Water Heater Rated Output Annual kWh	0	0	88,232	88,232
AEPCO Solar Array 25 kW x 2,190 hours per year = Annual kWh*	657	3,504	13,085	17,246
<b>Total Estimated Output per year of accumulated renewable resources</b>				<b>5,202,813</b>

This report contains information received from Duncan Valley Electric Cooperative, Inc. (DVEC), Graham County Electric Cooperative, Inc. (GCEC), and Trico Electric Cooperative, Inc. (Trico). Sulphur Springs Valley Electric Cooperative, Inc. and Mohave Electric Cooperative, Inc. have elected to file renewable plans and reports to the ACC on their own behalf.

\* AEPCO solar array project was funded by all five AEPCO Class A Member Distribution Cooperatives in Arizona. The annual kWh is allocated to each Class A Member according to their contribution to the project development.

2010 Renewable Installations

Cooperative	In-Service Month	Size Watts	Type	Technology	On Grid	Off Grid
DVEC	April 2010	750	Residential	PV		X
GCEC	May 2010	6,300	Residential	PV	X	
GCEC	July 2010	9,900	Residential	PV	X	
GCEC	August 2010	11,400	Residential	PV	X	
GCEC	November 2010	4,700	Residential	PV	X	
GCEC	December 2010	30,780	Residential	PV	X	
Trico	January 2010	86,265	Residential	PV	X	
Trico	February 2010	104,045	Residential	PV	X	
Trico	March 2010	65,030	Residential	PV	X	
Trico	April 2010	91,780	Residential	PV	X	
Trico	May 2010	34,930	Residential	PV	X	
Trico	June 2010	62,445	Residential	PV	X	
Trico	July 2010	6,235	Residential	PV	X	
Trico	August 2010	20,100	Residential	PV	X	
Trico	September 2010	38,229	Residential	PV	X	
Trico	October 2010	65,569	Residential	PV	X	
Trico	November 2010	30,120	Residential	PV	X	
Trico	December 2010	64,620	Residential	PV	X	
Trico	February 2010	5,000	Commercial	PV	X	
Trico	June 2010	5,890	Commercial	PV	X	
Trico	August 2010	21,800	Commercial	PV	X	
Trico	December 2010	355,660	Commercial	PV	X	
Trico	January, 2010	N/A	Residential	SWH	X	
Trico	February, 2010	N/A	Residential	SWH	X	
Trico	March, 2010	N/A	Residential	SWH	X	
Trico	April, 2010	N/A	Residential	SWH	X	
Trico	May, 2010	N/A	Residential	SWH	X	
Trico	June, 2010	N/A	Residential	SWH	X	
Trico	July, 2010	N/A	Residential	SWH	X	
Trico	September, 2010	N/A	Residential	SWH	X	
Trico	October, 2010	N/A	Residential	SWH	X	
Trico	November, 2010	N/A	Residential	SWH	X	
Trico	December, 2010	N/A	Residential	SWH	X	

**Total Watts 1,121,548**

\*PV=Photovoltaic, SWH=Solar Water Heating, Wind=Small Wind Generation